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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/018,166	04/05/2002	Sami Huusko	4925-157PUS	8491

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EXAMINER

NGO, NGUYEN HOANG

ART UNIT PAPER NUMBER

2616

DATE MAILED: 11/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/018,166

Applicant(s)

HUUSKO, SAMI

Examiner

Nguyen Ngo

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 11 September 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

***Response to Amendment***

This communication is in response to the special amendment of 9/11/2006.

Accordingly, Claims 1-19 are currently pending in the application.

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Mottishaw et al. (US 6721284), hereinafter referred to as Mottishaw.

**Regarding claim 1,15, 19** Mottishaw discloses method for managing connections in a packet data radio system (monitoring packet network service data, signaling data and quality of service data, abstract and Figure 2), comprising the steps of:

monitoring at least data packets transmitted by the packet data radio system to detect packets comprising connection state change messages related to predetermined allocated transport/layer service access point (the monitoring system monitors the network continuously for packets involved in the registration process. This typically includes Transport layer service access point (TSAP) or port number, col4 lines 58-66); and

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determining at least one parameter of a data packet connection of the packet data radio system using information contained in the connection state message if a packet comprising a connection state change message is detected (discovering network configuration of endpoints and their relationship, addressing and resource allocation, between endpoints and acquiring signaling data regarding at least one of call control, and bandwidth management, col1 lines 45-65).

**Regarding claim 2,** Mottishaw discloses method wherein said connection state change messages being monitored comprise connection setup messages (col5 lines 52-65).

**Regarding claim 3,** Mottishaw discloses wherein said connection state change Messages being monitored comprise connection release messages (col14 lines 43-46).

**Regarding claim 4,** Mottisshaw discloses wherein said connection state change Messages being monitored comprise H. 323 connection state change messages (col2 lines 8-10).

**Regarding claim 5,** Mottishaw discloses wherein said connection state change messages being monitored comprise contraction state change messages according to the Session Protocol (SIP, col1 lines 9-13).

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**Regarding claim 6, 16,** Mottishaw discloses wherein the packet data radio system comprises the General Packet Radio Service (GPRS) system (seen from figure 2).

**Regarding claim 7,** Mottishaw discloses wherein packet data connections of the packet data radio system are set up at least in part according to said at least one parameter (col5 lines 5-14).

**Regarding claim 8,** Mottishaw discloses wherein connections of the packet data radio system are modified at least in part according to said at least one parameter (col5 lines 5-14).

**Regarding claim 9, 10, 11, 17, 18,** Mottishaw discloses wherein said monitoring is performed by a serving General Packet Radio Service (GPRS) support node (col3 lines 34-41 and figure 2).

**Regarding claim 12,** Mottishaw discloses a system for managing connections in a packet data radio system (perform network planning, modify the network configuration in real-time to achieve quality of service objectives, col16 lines 46-50), comprising:

means for monitoring at least data packets relating to a predetermined allocated transport layer service access point, said monitored data packets being transmitted in the packet data radio system (monitoring system monitors the network

continuously for packets involved in the registration process, typically including the TSAP or port number), col4 lines 60-67);

means for detecting a call setup message in a monitored data packet (set up message and packets involved in registration process, col5 lines 52-65); and means for determining at least one connection parameter based on information in the detected call setup message (discovering network configuration of endpoints and their relationship, addressing and resource allocation, between endpoints and acquiring signaling data regarding at least one of call control, and bandwidth management, col1 lines 45-65).

**Regarding claim 13**, Mottishaw discloses means for initiating a set up of a packet data connection of the packet data radio system at least partly based on said at least one connection parameter (col5 lines 5-14).

**Regarding claim 14**, Mottishaw discloses means for initiating a modification of a packet data connection of the packet data radio system at least partly based on said at least one connection parameter (col5 lines 5-14).

### ***Response to Arguments***

3. Applicant's arguments with respect to claim 1-19 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a) Hirni et al. (US 6731609), Telephony System For Conducting Multimedia Telephonic Conferences Over A Packet-Based Network.

b) Nilsen (US 6578151), Arrangement In Data Communication System.

c) Dutnall (US 6584098), Telecommunication System.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nguyen Ngo whose telephone number is (571) 272-8398. The examiner can normally be reached on Monday-Friday 7am - 3:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on (571) 272-3139. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

N.N.  
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SUPERVISORY PATENT EXAMINER